

**CHECKLIST #0145 FOR THE APPROVAL OF:
METAL ROOFING SYSTEMS (NON-STRUCTURAL)**

- ☐ Basic Requirements Checklist.
- ☐ One set of the manufacturer's 'approval document' including:
 - a. Extrusion or cross section with details, properties and all dimensions,
 - b. Details of all sections with dimensions and thickness,
 - c. Fastener diagram,
 - d. Details of all connections including size and location, corresponding with tests,
 - e. Installation instruction, and
- ☐ One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol PA 301.

- ☐ Accelerated Testing of coating 2000 hours per ASTM G23.
- ☐ Salt Spray Testing of coating 1000 hours per ASTM B117.
- ☐ Fire Testing per ASTM E108 or UL790. (Not required if system is assembled with an approved fire barrier.)
- ☐ Uplift resistance test per PA 125. (UL 580 Class 90 or higher. The permanent deformation area, at any location, shall not exceed the area of a 1" diameter circle.)
- ☐ Wind Driven Rain Test per PA 100. (If system is to include a valley assembly and/or horizontal joints, the valley assembly and/or two horizontal joints shall be incorporated in PA 100 test.)

Notes:

1. System must be tested with the same approved fastener: no change in configuration washer and/or diameter will be accepted.
2. System should be installed over a minimum 15/32" thickness plywood attached to the framing using corrosion resistance #8 wood screws or annular ring shank nails.
3. The permanent deformation of nonstructural roof systems shall not exceed 1.00 inch in diameter.

Revised: 05/01/98

C:\Documents and Settings\jh045\My Documents\Visual Studio
Projects\VID\BCCOWEB\BCCOWEB_Local\productcont\1st3\Roof Metal.doc

Internet mail address: postmaster@buildingcodeonline.com

Homepage: <http://www.buildingcodeonline.com>